BRUHAT BANGALORE MAHANAGAR PALIKE

Project Division, Yelahanka Zone

SCHEDULE - B

Construction of Indoor Stadium at Telecom Layout in Ward No.05 Surrounding area Byatarayanapura Sub Division

SNo	Quantity	Item Name	Unit	Approved Rates of Sri. K BOOPALAN (B V R TECH AND ENGINEERS)	
				In figures	In words
1	1214.40	Earth work in excavation of foundation of structures upto 3 mtrs by mechanical mans as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavation earth to the extent required and utilising / transporting the remaining earth upto 1.00 km lead. including cost of labour,materials and HOM of machineries etc., complete.	cum	58.96	Rupees Fifty Eight And Paise Ninety Six Only
2	348.57	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	cum	339.00	Rupees Three Hundred Thirty Nine Only
3	33.89	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS 2.10.2	cum	2753.96	Rupees Two Thousand Seven Hundred Fifty Three And Paise Ninety Six Only
4	203.89	Providing and injecting chemical emulsion for Pre- constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications. (Plinth area of the building at ground floor only shall be measured).	Sqm	120.18	Rupees One Hundred Twenty And Paise Eighteen Only
5	142.18	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	cum	5888.87	Rupees Five Thousand Eight Hundred Eighty Eight And Paise Eighty Seven Only
6	65.68	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	cum	6216.54	Rupees Six Thousand Two Hundred Sixteen And Paise Fifty Four Only

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Executive Engineer
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	Quantity	Item Name	Unit	Approved Rates of Sri. K BOOPALAN (B V R TECH AND ENGINEERS)	
				In figures	In words
7	8.68	Providing and laying in position reinforced cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and cills including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.	cum	6019.26	Rupees Six Thousand Nineteen And Paise Twenty Six Only
8	208.29	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footing,pedastals,retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.	Cum	6589.55	Rupees Six Thousand Five Hundred Eighty Nine And Paise Fifty Five Only
9	113.58	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for R.C.C. beams, columns of all sizes in foundation plinth and superstructure ground floor level for roof slabs, staircase, lintles, columns, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. GROUND FLOOR	Cum	6853.72	Rupees Six Thousand Eight Hundred Fifty Three And Paise Seventy Two Only
10	94.67	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for R.C.C. beams, columns of all sizes in foundation plinth and superstructure ground floor level for roof slabs, staircase, lintles, columns, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. FIRST FLOOR	Cum	6916.71	Rupees Six Thousand Nine Hundred Sixteen And Paise Seventy One Only
11	25.75	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.-TMT bars Fe 500 Ground floor	MT	80460.12	Rupees Eighty Thousand Four Hundred Sixty And Paise Twelve Only

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				In figures	In words
12	7.57	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.-TMT bars Fe 500 First floor	MT	81245.37	Rupees Eighty One Thousand Two Hundred Forty Five And Paise Thirty Seven Only
13	64.94	Providing and removing centering ,shuttering,strutting,propping etc., and removing of form work for foundations , footings , bases of columns for mass concrete including cost of all materials, labour as per specifications.	sqm	292.52	Rupees Two Hundred Ninety Two And Paise Fifty Two Only
14	372.80	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications.	sqm	405.89	Rupees Four Hundred Five And Paise Eighty Nine Only
15	283.10	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Below Ground Floor	sqm	517.01	Rupees Five Hundred Seventeen And Paise One Only
16	229.90	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Below First Floor	sqm	635.11	Rupees Six Hundred Thirty Five And Paise Eleven Only
17	631.11	Providing and removing centering ,shuttering , strutting , propping etc., and removal of form work for sides and soffit of beams , beam haunchings,cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of materials , labour complete as per specifications. Ground floor	sqm	331.06	Rupees Three Hundred Thirty One And Paise Six Only
18	283.26	Providing and removing centering ,shuttering , strutting , propping etc., and removal of form work for sides and soffit of beams , beam haunchings,cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of materials , labour complete as per specifications. First floor	sqm	436.04	Rupees Four Hundred Thirty Six And Paise Four Only
19	11.55	Providing and removing centering , shuttering ,strutting , propping etc., for edges of slabs and breakes in floor ,cills, plinth including cost of all materials , labour complete as per specifications. Ground floor	sqm	856.01	Rupees Eight Hundred Fifty Six And Paise One Only
20	11.55	Providing and removing centering , shuttering ,strutting , propping etc., for edges of slabs and breakes in floor ,cills, plinth including cost of all materials , labour complete as per specifications. First floor	sqm	960.99	Rupees Nine Hundred Sixty And Paise Ninety Nine Only
21	237.50	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons. up to 3.50m from Ground level. 0 TO 5 MTRS	sqm	453.51	Rupees Four Hundred Fifty Three And Paise Fifty One Only
22	237.50	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons. up to 3.50m from First floor	sqm	1326.53	Rupees One Thousand Three Hundred Twenty Six And Paise Fifty Three Only

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	Quantity	Item Name	Unit	Approved Rates of Sri. K BOOPALAN (B V R TECH AND ENGINEERS)	
				In figures	In words
	32.02	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. Ground floor	sqm	589.57	Rupees Five Hundred Eighty Nine And Paise Fifty Seven Only
24	32.02	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. First floor	sqm	694.55	Rupees Six Hundred Ninety Four And Paise Fifty Five Only
25	556.40	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. Ground floor	sqm	919.50	Rupees Nine Hundred Nineteen And Paise Fifty Only
26	237.50	Providing 12mm thick cement plaster in single coat with cement mortor 1:3 to ceiling including rounding of all corners whereever required smooth rendering providing and removing scaffolding including cost of materials .labour , curing complete as per specifications Ground floor	sqm	266.44	Rupees Two Hundred Sixty Six And Paise Forty Four Only
27	237.50	Providing 12mm thick cement plaster in single coat with cement mortor 1:3 to ceiling including rounding of all corners whereever required smooth rendering providing and removing scaffolding including cost of materials .labour , curing complete as per specifications First floor	sqm	272.74	Rupees Two Hundred Seventy Two And Paise Seventy Four Only
28	20.00	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM of acquirements and testing complete as per specifications do-110 mm dia.	M	492.06	Rupees Four Hundred Ninety Two And Paise Six Only
29	1451.64	KSRB15-3 : Providing 18mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.cement mortar 1:3 Ground floor	sqm	312.92	Rupees Three Hundred Twelve And Paise Ninety Two Only
30	342.00	KSRB15-3 : Providing 18mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.cement mortar 1:3 First floor	sqm	319.22	Rupees Three Hundred Nineteen And Paise Twenty Two Only
31	30.00	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM of acquirements and testing complete as per specifications 250 mm dia.	M	2352.60	Rupees Two Thousand Three Hundred Fifty Two And Paise Sixty Only

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	Quantity	Item Name	Unit	Approved Rates of Sri. K BOOPALAN (B V R TECH AND ENGINEERS)	
				In figures	In words
32	4754.40	Fabricating, supplying and erecting M.S.Tubular Trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest strucutral welding code. Quality shall be on various parameters like shape, size, design guage and polish. The entire trusses is anchored in RCC column byusing 4 Nos of M.S. anchor bolts at each support with 10mm thick base plate and ahoe plate. The work includes cutting, straighening, placing in position of M.S pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift transportation etc., complete as per specification.	KG	125.85	Rupees One Hundred Twenty Five And Paise Eighty Five Only
33	286.50	Providing and fixing M.S. Grill over existing compound wall as per using 16mm x 16mm M.S. Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification.	sqm	6087.29	Rupees Six Thousand Eighty Seven And Paise Twenty Nine Only
34	1562.97	Cost of Haulage Excluding Loading and Unloading MORTH -100/ Chapter 1 Case-I : Surface Road , M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH - 100/ Chapter 1 = 15 KM LEAD CONSIDERED	cum	120.63	Rupees One Hundred Twenty And Paise Sixty Three Only
35	1264.80	Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods,.or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specifications.	kg	107.71	Rupees One Hundred Seven And Paise Seventy One Only

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				In figures	In words
36	18.00	Providing and fixing 304 - grade stainless steel hand rails of 14-gauge pipes for Ramps staircase made out of stainless steel hallow pipes, using 50mm dia for verticals @1.60 mtr c/c fixed tot he ramps or steps by drilling with bolts and 100mm dia MS base plates 10mm gauge for fixing of Vertical pipes 4 - Nos anchor bolts & 40mm dia pipes fixed horizontally for 2-rows top, one pipes fixed with vertical pipes another one fixed with elbows and 25mm dia pipes are fixed horizontally for 2-rows below top measure @ equal intervals including cutting, welding, bending wherever necessary with suitable caps @ tops, bottoms & corners finishing with mat / shining etc., complete including cost and conveyance of all materials, labour for all items of work, HOM with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and directions of the Engineer-in-charge of the work. Ramps or Staircase for physically challenged.	sqm	6097.49	Rupees Six Thousand Ninety Seven And Paise Forty Nine Only
37	1.00	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	each	3955.65	Rupees Three Thousand Nine Hundred Fifty Five And Paise Sixty Five Only
38	50.00	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work a. 0 to 50 m	Rmt	364.28	Rupees Three Hundred Sixty Four And Paise Twenty Eight Only
39	50.00	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work b. 50 to 100 m	Rmt	464.01	Rupees Four Hundred Sixty Four And Paise One Only

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	Quantity	Item Name	Unit	Approved Rates of Sri. K BOOPALAN (B V R TECH AND ENGINEERS)	
				In figures	In words
40	50.00	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work c. 100 m to 150 m	Rmt	478.71	Rupees Four Hundred Seventy Eight And Paise Seventy One Only
41	50.00	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work c. 150 m to 200 m	Rmt	562.69	Rupees Five Hundred Sixty Two And Paise Sixty Nine Only
42	50.00	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work c. 200m to 250 m	Rmt	665.57	Rupees Six Hundred Sixty Five And Paise Fifty Seven Only
43	100.00	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work c. 250m to 300 m	Rmt	734.86	Rupees Seven Hundred Thirty Four And Paise Eighty Six Only
44	36.00	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) as per corragandam as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	Rmt	1390.99	Rupees One Thousand Three Hundred Ninety And Paise Ninety Eight Only

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	Quantity	Item Name	Unit	Approved Rates of Sri. K BOOPALAN (B V R TECH AND ENGINEERS)	
				In figures	In words
	6.00	Providing 250mm dia PVC Pipe 6kg/cm as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	Rmt	792.04	Rupees Seven Hundred Ninety Two And Paise Four Only
46	1.00	Providing and fixing 175mm Borewell Cap as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	No	157.47	Rupees One Hundred Fifty Seven And Paise Forty Seven Only
47	1.00	Supply of Submersible Three Phase 150 mm Pump of 12.5 HP / 9.3 KW 30 stage with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	UNIT	63719.71	Rupees Sixty Three Thousand Seven Hundred Nineteen And
48	200.00	Supplying of ISI marked galvanized mild steel tube (continously welded electric resistance welded (ERW) high frequency, induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1986 with latest amendments, pipes threaftes at one end and the other end protected asper specification in random lengths of 4 to 7 mtrs Confirming to IS 1239 part I/1990 with amendament 1-5 and with all its latest amendements if any. The pipes supplied should be with BIS mark No 3/08-09 2406/15.10.2008. 50 mm dia including Collar Heavy Class as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	mtr	435.67	Rupees Four Hundred Thirty Five And Paise Sixty Seven Only
49	150.00	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 46/ I No. 30-B 4.0 Sqm mm of 36 strands 0.3mm dia Group - (1x3x4.00 Sqmm PVC cable) as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	mtr	503.90	Rupees Five Hundred Three And Paise Ninety Only
50	1.00	Erection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair supporting clamps, one borewell cap. Cable clips with bolts, nuts, valves guages etc., involoved in the job (Necessary GI pipe and specials with be supplied by the board at the site free of cost) as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	No	3149.40	Rupees Three Thousand One Hundred Forty Nine And Paise Forty Only
51	1.00	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	No	299.19	Rupees Two Hundred Ninety Nine And Paise Nineteen Only
52	30.00	Supplying of LTUG cable having aluminium condutor PVC insulated shethed, galvnised steel, wire / steel tap armoured cable with PVC outer sheathing 1.1 KV class.as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	mtr	157.47	Rupees One Hundred Fifty Seven And Paise Forty Seven Only
53	30.00	Labour charges for laying of 1.1 K.V class UG cable as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	mtr	8.40	Rupees Eight And Paise Forty Only

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				In figures	In words
	25.00	Digging or trenching of 0.6 m x 0.5 m wide refilling the trench to the required ground level and consolidating etc., complete as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	mtr	62.99	Rupees Sixty Two A Paise Ninety Nine O
55	4.00	Supplying and fixing of Class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	mtr	251.95	Rupees Two Hundre Fifty One And Paise Ninety Five Only
56	1.00	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	No	272.95	Rupees Two Hundre Seventy Two And Paise Ninety Five Onl
57	1.00	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	No	2047.11	Rupees Two Thousan Forty Seven And Paise Eleven Only
58	3.00	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.... as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	No	125.98	Rupees One Hundred Twenty Five And Paise Ninety Eight Only
59	1.00	Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	No	1169.48	Rupees One Thousand One Hundred Sixty Nine And Paise Forty Eight Only
60	1.00	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	No	211.01	Rupees Two Hundred Eleven And Paise One Only
61	2.00	Supplying and fixing 50mm dia GI X nipple with ISI mark as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	No	83.98	Rupees Eighty Three And Paise Ninety Eight Only
62	1.00	Supplying shunt capaitors conforming to IS 2834, 3phase 400/440 volts grade for power factor improvement of rotating machinery, Capacitor in KVAR rating Nos. 2KVAR capacity with all lead and lift =, loading, unloading and labour charges etc complete as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	No	367.43	Rupees Three Hundred Sixty Seven And Paise Forty Three Only

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	antity	Item Name	Unit	Approved Rates of Sri. K BOOPALAN (B V R TECH AND ENGINEERS)	
				In figures	In words
63	1.00	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 30 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	No	1049.80	Rupees One Thousand Forty Nine And Paise Eighty Only
64	14500.00	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm @ Rs.0.35 as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	sqm	0.35	Rupees And Paise Thirty Five Only
65	1.00	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. 15HP to 30 HP Star Delta Starter as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	each	11547.80	Rupees Eleven Thousand Five Hundred Forty Seven And Paise Eighty Only
66	250.00	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work 75mm	mtr	122.83	Rupees One Hundred Twenty Two And Paise Eighty Three Only
67	2.00	KSRB 13.6.3-7 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 65 mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	mtr	2384.35	Rupees Two Thousand Three Hundred Eighty Four And Paise Thirty Five Only
68	100.00	Supplying heavy gauge PVC conduit pipe 19/20mm dia 2mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws..	Mtr	52.49	Rupees Fifty Two And Paise Forty Nine Only

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	Quantity	Item Name	Unit	Approved Rates of Sri. K BOOPALAN (B V R TECH AND ENGINEERS)	
				In figures	In words
69	100.00	Supplying heavy gauge PVC conduit pipe 25mm dia 2mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws..	Mtr	68.24	Rupees Sixty Eight And Paise Twenty Four Only
70	100.00	Supplying heavy gauge PVC Conduit Pipe ....dia .....mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary.. 19/20mm dia 2mm thick	Mtr	53.54	Rupees Fifty Three And Paise Fifty Four Only
71	50.00	Supplying heavy gauge PVC Conduit Pipe ....dia .....mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. 25mm dia 2mm thick	Mtr	56.69	Rupees Fifty Six And Paise Sixty Nine Only
72	80.00	Supplying PVC/GI flexible conduit pipe....mm dia fixing on surface over inverted tapered wooden plugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and on either end of the pipe terminated completely. 20mm	Mtr	23.10	Rupees Twenty Three And Paise Ten Only
73	100.00	Supplying PVC/GI flexible conduit pipe....mm dia fixing on surface over inverted tapered wooden plugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and on either end of the pipe terminated completely. 25mm	Mtr	29.39	Rupees Twenty Nine And Paise Thirty Nine Only
74	8.00	Supplying and Fixng Metal Fan Box with Round Hook.	No	89.23	Rupees Eighty Nine
75	50.00	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet.. Short point upto 3Mtr from tapping point to out let via switch box	POINT	167.97	Rupees One Hundred Sixty Seven And Paise Ninety Seven Only
76	50.00	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet.. Medium point above 3Mtr upto 6Mtr from tapping point to outlet via switch box	POINT	262.45	Rupees Two Hundred Sixty Two And Paise Forty Five Only

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		Item Name	Unit	Approved Rates of Sri. K BOOPALAN (B V R TECH AND ENGINEERS)	
				In figures	In words
77	50.00	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet.Long point above 6Mtr upto 10Mtr from tapping point to outlet via switch box	POINT	393.68	Rupees Three Hundred Ninety Three And Paise Sixty Eight Only
78	40.00	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet.. Two outlet in a row, above 3Mtr upto 6Mtr from tapping point to outlet via switchs.	POINT	498.66	Rupees Four Hundred Ninety Eight And Paise Sixty Six Only
79	50.00	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Three outlet in a row, above 6Mtr upto 10Mtr from tapping point to outlet via switchs box	POINT	708.62	Rupees Seven Hundred Eight And Paise Sixty Two Only
80	250.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.. 1.5 sqmm	mtr	21.52	Rupees Twenty One And Paise Fifty Two Only
81	300.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.. . 2.5 sqmm	mtr	33.59	Rupees Thirty Three And Paise Fifty Nine Only
82	250.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.. . 4 sqmm	mtr	47.24	Rupees Forty Seven And Paise Twenty Four Only
83	300.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.. . 6 sqmm	Mtr	73.49	Rupees Seventy Three And Paise Forty Nine Only
84		GST @ 12%			

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